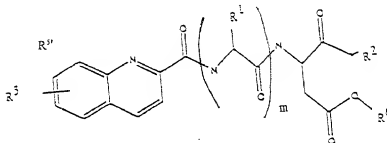


QUINOLINE-(C=O)-(2-CARBONYL)-(MULTIPLE AMINO ACIDS)-LEAVING  
GROUP COMPOUNDS FOR PHARMACEUTICAL COMPOSITIONS  
AND REAGENTS

### ABSTRACT OF THE DISCLOSURE

This invention concerns compounds and a pharmaceutical composition of the structure:

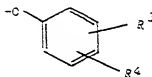
wherein:



R<sup>1</sup> is selected from the group consisting of alkyl, substituted alkyl, aryl, and substituted aryl which group will produce a natural amino acid structure or an unnatural amino acid structure, and the carbon adjacent to R<sup>1</sup> is in the D or L configuration;

$R^2$  is selected from the group consisting of

- F and



wherein R<sup>3</sup> and R<sup>4</sup> are each selected from the group consisting of hydrogen, alkyl, fluoro, chloro, carboxyl, alkoxy, alkyl carbonyl, aryl carbonyl, and amino; R<sup>5</sup> and R<sup>5'</sup> are each independently selected from the group consisting of hydrogen, alkyl, alkoxy, fluoro, chloro, carboxy, alkoxy, alkyl carbonyl, aryl carbonyl, and amino, R<sup>6</sup> is selected from the group consisting of alkyl having 1 to 10 carbon atoms, aryl or substituted aryl, and m is 1, 2 or 3. These compounds are reagents and pharmaceutical compositions have pro-drug and apoptosis properties and are useful in a variety of therapies, for diseases such as arthritis, ALS, MS, and the like.